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Specifics

Customized ACE BLOCK A1.87 - TUV CE EMC - fire-safe

TECHNICAL SPECIFICATIONS

Module specifications			
Dimensions (wxh) (mm)	200 x 168.75	Resolution (wxh) (pixels)	107 x 90
Pixel Pitch (mm)	1.87	Module resolution (pixels)	9,630
LED lamp	SMD1010 [customized]	Driving IC	High refresh rate IC [customized]
Cabinet specifications			
Dimensions (wxh) (mm)	600 x 337.5	Module quantity	6
Resolution (wxh) (pixels)	321 x 180	Cabinet resolution (pixels)	57,780
Weight (kg)	8.55	Material	Die-cast aluminium
Average power/cabinet (Watts)	48	Max Power/panel (Watts)	135
Display measurements			
	Width	Height	Total
Screen dimension (m)	2.400	1.6800	4.032 (12sets x 4.032 =48.384sqm)
Cabinet quantity	4	5	20 (20pcs x 12sets = 240pcs)
Screen resolution	1,284	896	1,150,464 (1,150,464 x12sets = 13,805,568)
Parameters	Value	Parameters	Value
Brightness (Nits)	800nits/sqm	Lifetime at 50% brightness (hrs)	100,000
Viewing angle (H/V)	160°/140°	Control distance	CAT5 cable: <100m, Single mode fiber: <10km
Gray scale (bits)	14-16 bit	Operating voltage	AC 220 +/-%10 (50 hz +/-%5)
Scan mode	1/30scan	Luminance uniformity	>=99%
Refresh frequency (Hz)	3000hz	Color uniformity	± 0,0025 Cx, Cy
Contrast ratio	3.000:1	Maintenance type	Front service and front installation design
IP Rating	Front IP43 / Rear IP20	Color temperature (K)	3000k - 9200k (adjustable)
Working temperature	-20°C - 50°C	Certificates	TÜV, CE, EMC , FCC, ETL, CCC Firesafety
Working humidity (rh)	10 - 85%	Panel manufacturing	CNC die-cast aluminum

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- ACE BLOCK features:**
1. Jumper cable free connection; saves time on cabling. Makes the screen stable and looks organised and clean;
 2. Front access for installation and maintenance;
 3. Magnetic module and modular design. Very easy to exchange every part, even on-site;
 4. High CNC precision level, up to 0,02mm accuracy. Perfect flatness and image quality;
 5. Same frame for all ACE BLOCK cabinets;
 6. Dual backup for both power and data. 200% Reliability assured, especially for broadcast or control room applications.



